

**St. Lawrence-Lewis BOCES
Board of Education Review
June 2, 2022**

Program Re-Approval 2021-2022

A. Program Information

NYSED approval of four CTE programs: **Automotive Technologies, Building Trades, and Graphic Communications** will expire on June 30, 2022.

Program of Study	Credits Approved	Yr. Approved Re-approved	Program Review	Anticipated Approval/Re-approval Date
Automotive Technologies CIP #47.0604 Non-Trad - Female	1 Unit Integrated Math 1 Unit Integrated Science 1 Unit Integrated English	2017-2018	5/11/2022	8/2022
Building Trades CIP #46.9999 Non-Trad - Female	1 Unit Integrated Math 1 Unit Integrated Science 1 Unit Integrated English	2012-2013	5/11/2022	9/2022
Graphic Communications CIP #10.0399 Non-Trad - Female	1 Unit Integrated Math 1 Unit Specialized Science 1 Unit Integrated English	2017-2018	5/11/2022	8/2022

Approval by New York State Education Department allows students to receive Technical Endorsement. They must be re-approved by NYSED in order to be offered to our students as approved programs in September 2022.

- Automotive Technologies is offered at all the CTE Centers.
- Building Trades is offered at all the CTE Centers.
- Graphic Communications is offered at Seaway and Northwest CTE Centers.

B. Achievements

Program Achievements Since 2017-2018 (Does not include 2021-2022 school year statistics)				
CTE Program of Study	Students Completing	Students Completing with Special Education Services	Students Receiving Technical Endorsement	Percentage of Students Receiving Technical Endorsement
Automotive Technologies	230	81	144	62.61%
Building Trades	139	48	98	70.50%
Graphic Communications	85	24	65	76.47%

C. Program Content

Curricular changes have been communicated to the component districts through:

- Superintendents CTE Sub Committee
- Secondary Principal Meetings hosted in districts throughout the BOCES
- Guidance Counselor Meetings
- Math, Science, and ELA teachers from the component districts received online access via Rubicon Atlas to review curriculum materials and course outlines.
- Math, Science and ELA Integration Support Document Review Meetings included certified ELA, Math and Science teachers from component districts
 - Science - Matt Shaver, OFA and Tony Cooper, Lisbon
 - Math – Kathy Swan, Hammond, and William Vine, Lisbon
 - ELA - Trudy Caswell-Ryan, Madrid Waddington and, Deborah Wohnsiedler, Clifton Fine

D. Work-Based Learning

All students completing the programs have participated in a minimum of 54 hours of work-based learning. Work-Based Learning hours and locations are documented in School Tool.

- Automotive Technologies students have been placed in WBL job shadows throughout St. Lawrence County. They also have an on-site simulated work site in each of the Tech Centers where community members bring in their automobiles for a variety of maintenance and repair work. You also can find students working on a variety of small engine as well as recreational engines.
- Building Trade students have the unique opportunity to complete many hours of work-based learning on site with the house building projects. By the end of their senior year, these students will have built two homes from

start to finish. The instructors also alternate sending students off-site for WBL job shadows.

- Graphic Communication students have completed a variety of in-house projects to complete their WBL hours. They are working with a variety of local businesses to create logos, business cards, websites, printed materials, etc.

E. Employability Profile

- The 21st century skills that refer to a broad set of knowledge, skills, work habits and character traits that are critically important to success in collegiate programs, contemporary careers and workplaces.
 - Communication Skills
 - Collaboration
 - Creativity & Innovation
 - Health & Safety
 - Problem Solving & Critical Thinking
 - Personal Management Skills
 - Interpersonal Skills
 - Conflict Resolution
 - Technology Skills
- Course Competencies that are specific to each program of study and are updated annually.

F. Technical Assessment (three parts)

***Please note due to COVID-19 this is the first year NOCTI's have been administered since 2019-20.*

- **Written and Practical:**
 - **Automotive Technologies** - National Occupational Competency Testing Institute (NOCTI): NOCTI # 4309 Automotive Technician
 - **Building Trades** – NOCTI #4215 Carpentry
 - **Graphic Communications** – NOCTI #3425 Visual Communications and Interactive Media Design or Dreamweaver CC Adobe Certified Exam, Adobe Illustrator CC adobe Certified Exam, Adobe InDesign CC Adobe Certified Exam, Adobe Photoshop CC Adobe Certified Exam
- **Senior Project** – Designed by instructors with students and assessed by instructors through the use of a rubric

G. Articulated Credit and Dual Enrollment Agreements:

Students benefit with college credit and advanced standing at post-secondary institutions:

- **Automotive Technology**
 - Alfred State College
 - SUNY Canton
 - SUNY Morrisville
 - University of Northwestern Ohio
 - Universal Technical Institute.
- **Building Trades**
 - Alfred State College
 - Fulton-Montgomery Community College.
- **Graphic Communications**
 - Bryant and Stratton College
 - Fulton-Montgomery Community College
 - Mohawk Valley Community College
 - SUNY Canton
 - SUNY Cobleskill.

H. Faculty and External Review Committee

- Mid and End of the Year Evaluation Meetings
- Program Indicators
- Self-study Meetings conducted
- Virtual Advisory Committee Meetings – various dates throughout March 2022
- External Review Meeting May 11, 2022

I. Teacher Certification

Staff are highly qualified and hold NYS teacher certification in the academic content area(s) for which academic credit is being offered.

J. Staff Development (2018-2022)

- Understanding and Dealing with Challenging Students
- Effective Teaching
- Regional Collaboration Meetings/ACTEA Zone 2
- Remote Learning Technologies to include Google Classroom, Google Drive, Google Meet, Nepris, Zoom, Edpuzzle, Jamboard, Kahoot, SmartSuite, Google Classroom Tips & Tricks, and Google Sites as Portfolios
- Teaching in a Virtual Environment; Using Free Web-based Tools to Create Interactive Online Videos
- An Introduction to Supporting Homeless and Transient Students
- LGBTQIA Youth: Creating Safe Environments for Children
- Teaching CTE Students Executive Functioning Skills
- Diversity, Equity and Inclusion
- Providing Critical Support for Students from Special Populations
- Improving Access to Quality CTE Programs for Special Populations
- Classroom Management and Instruction for CTE

Request for Board Approval

Programs requesting St. Lawrence-Lewis BOCES BOE approval for 2021-2022.

- Automotive Technologies (SATC, NWT & SWT)
- Building Trades (SATC, NWT & SWT)
- Graphic Communications (SATC & NWT)

Programs scheduled for approval / re-approval 2022-2023:

- Agricultural Studies (Cornell Cooperative Extension Farm)
- Culinary Arts (SATC, NWT & SWT)
- HVAC/R (SATC & NWT)
- Metalworking Technologies (SATC, NWT & SWT)